

Name: _____

John Glenn's Mercury capsule missed its ocean target by -40 miles. Scott Carpenter's capsule missed its target by -250 miles. How much farther away was Carpenter's capsule than Glenn's?

Ava bought a box of dog biscuits for her dog Rex. The box was 11 inches long, 7 inches wide, and 5 inches high. What is the surface area of the box?

Adam was in charge of making signs to put up around the park showing people where the Dressed Up Pet Parade would be. The materials for each sign cost \$1.21. If Adam made twenty-three signs, how much money did he spend?

Name: _____

Draw a line from START to END.

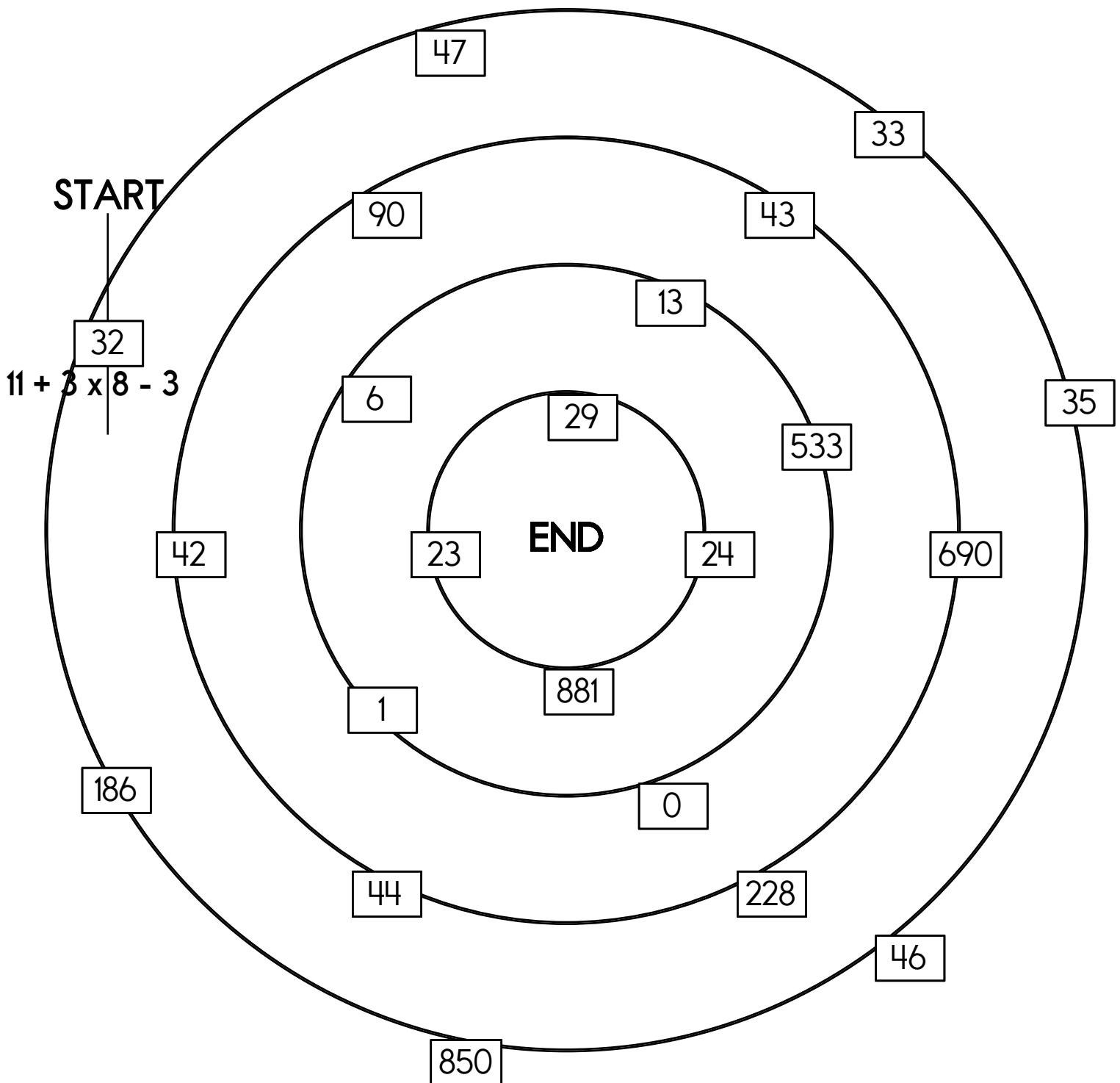
~~$11 + 3 \times 8 - 3$~~

$(12 \times 2) + 9 \times 2$

$99 \div 9 + 12$

$11 - 33 \div 3$

Cross out the equation you use above and then write it below.



Name: _____

For every two million pounds of fertilizer manufactured at Bigearth, Inc., about 460 pounds are ruined by being accidentally left out in the rain. Last month, 250 pounds were ruined. Based on this information, estimate how many pounds of fertilizer were manufactured last month. Round your answer to the nearest whole number if needed.

If the ratio of red flowers to yellow flowers in the local park is 7:5 and there are approximately 900 red or yellow flowers currently blooming in the park, about how many of them are yellow? You may need to round to the nearest whole number.

How much cement is needed to build a sidewalk that is one thousand, ninety-eight feet long, three feet wide and five inches thick? Round your answer to the nearest cubic foot.

Nicky's uncle wants to paint his apartment in Venice. The apartment is five hundred square meters. He will have to cover one-fourth of that space with a drop cloth to prevent the paint from getting on the floor. How many square meters of drop cloth will he need?

The water potential in one plant cell was calculated to be -3 bar. The water potential in another cell was found to be -9 bar. What was the difference in water potentials? Note: the bar is a pressure unit equal to about 14.5 PSI.

A crate of petrified wood recently sold at the local auction. There were about thirty-nine pieces and the total weight of the pieces was 238.82 pounds. What was the average weight per piece? Round your answer to two decimal places. _____ pounds

Name: _____

Jason bought a Cattitude Tea for Two set for his mother's birthday. The set cost \$29, the shipping was \$4.15, and the tax (for the goods and shipping) was 6%. How much did the tea set cost in all?

Mary and her friends wanted to play Cat and Mouse. Mary was chosen to be the cat and Emily was chosen to be the mouse. The rest of the girls joined hands and made a big circle. The diameter of the circle was 11 feet. What was its circumference? Round your answer to the nearest hundredth.

Three-fifths of the children at Deanna's Day Care like chocolate candy best. The rest of them like other kinds of candy. If there are 40 children at Deanna's Day Care, how many of them like chocolate candy best?

Mary was bored. She went to the store and bought a puzzle with 500 pieces. The puzzle cost \$9.43. She gave the clerk \$10. How much change did she get?

Look at the chart.
The number 21 is in the 3rd column of the 1st row.

5	13	21	29	37
45	53	61	69	77
85	93	101	109	117
125	133	141	149	157

What number is in the 5th column of the 4th row?

If the pattern continues, what number would go in the 5th column of the 7th row?

$$9 \times 11 =$$

$$\begin{array}{r} 271 \\ + 225 \\ \hline \end{array}$$

$$110 \div 10 = \underline{\hspace{2cm}}$$

$$4 \times 12 = \underline{\hspace{2cm}}$$

How many kilograms are in 5,000 grams?

_____ kilograms

Megan rolls a die. What is the chance of her rolling a 3?

Name: _____

$\begin{array}{r} 90 \\ - 51 \\ \hline \end{array}$	$5,458 - 2,651 = \underline{\hspace{2cm}}$	<p>Rosa cannot open her locker. She knows that the three numbers are: 4, 40, and 11, but she cannot remember the order of the numbers. How many different combinations are there? List ten of them.</p>
	$11 \times 8 = \underline{\hspace{2cm}}$	
$\begin{array}{r} 43 \\ + 38 \\ \hline \end{array}$	$18 \div 6 = \underline{\hspace{2cm}}$	

<p>Write the missing family fact.</p> $4 \times 14 = 56$ $56 \div 4 = 14$ $56 \div 14 = 4$ _____	$1 \text{ kg} = 1,000 \text{ g}$ $19 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$	$\begin{array}{r} 820 \\ - 672 \\ \hline \end{array}$

<p>You are given five cards. One card has the number 1 on it, another card has a 2, another card has a 3, another card has a 4, and the last card has the number 5 on it. Use two cards to make a fraction. What is the smallest fraction that you can make?</p>	<p>Can 623 be evenly divided by 7? Circle: 623 is NOT evenly divisible by 7 623 is evenly divisible by 7</p>
	$21 \text{ lb} = \underline{\hspace{2cm}} \text{ oz}$

$10 \div 5 = \underline{\hspace{2cm}}$	<p>What time is 14 hours after 1:00 p.m.?</p> <p>_____</p>	$9 \div 3 = \underline{\hspace{2cm}}$
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Name: _____

Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 7.

Here is an example of a sudoku sum of 7:

1	6
---	---

	3		1		5
5					
			6		3
		4			1
		1	5	3	

$$88 \div 8 = \underline{\hspace{2cm}}$$

$$32 \div 8 = \underline{\hspace{2cm}}$$

$$5 \times 9 = \underline{\hspace{2cm}}$$

Can 428 be evenly divided by 10? Circle:

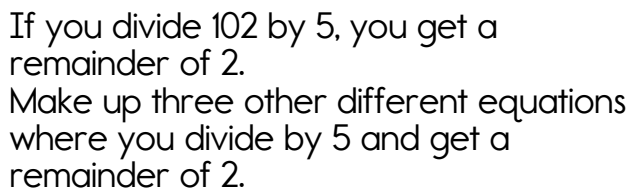
428 is evenly divisible by 10

428 is NOT evenly divisible by 10

$$10 \times 3 = \underline{\hspace{2cm}}$$

$$11 \times 9 = \underline{\hspace{2cm}}$$

Use the pieces above to help you fill in the runaway math puzzle.


$$110 \div 10 = \underline{\hspace{2cm}}$$

The sum of twelve and eight is twenty.

$6 \times 9 = \underline{\hspace{2cm}}$

Name: _____

$$13 - \frac{1}{3} - \frac{3}{5} =$$

Reduce $\frac{10}{44}$ to its lowest terms.

$$15 + \frac{2}{7} - \frac{4}{5} =$$

$$\begin{array}{r} 22\frac{1}{4} \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2\frac{1}{6} \\ - 1\frac{5}{6} \\ \hline \end{array}$$

Reduce each fraction to a mixed numeral in its lowest terms.

$$\frac{531}{72} =$$

$$\frac{576}{63} =$$

$$\frac{192}{64} =$$

$$\frac{36}{45} =$$

$$\frac{63}{54} =$$

$$\frac{210}{48} =$$

Write the reciprocal.

$$\frac{3}{2}$$

Write the reciprocal.

$$\frac{13}{1}$$

Write the reciprocal.

$$7$$

$$\frac{11}{12} \times 3 =$$

$$\frac{4}{8} \times \frac{2}{11} =$$

$$2\frac{1}{2} \div \frac{3}{4} =$$

Name: _____

Draw a line from START to END.

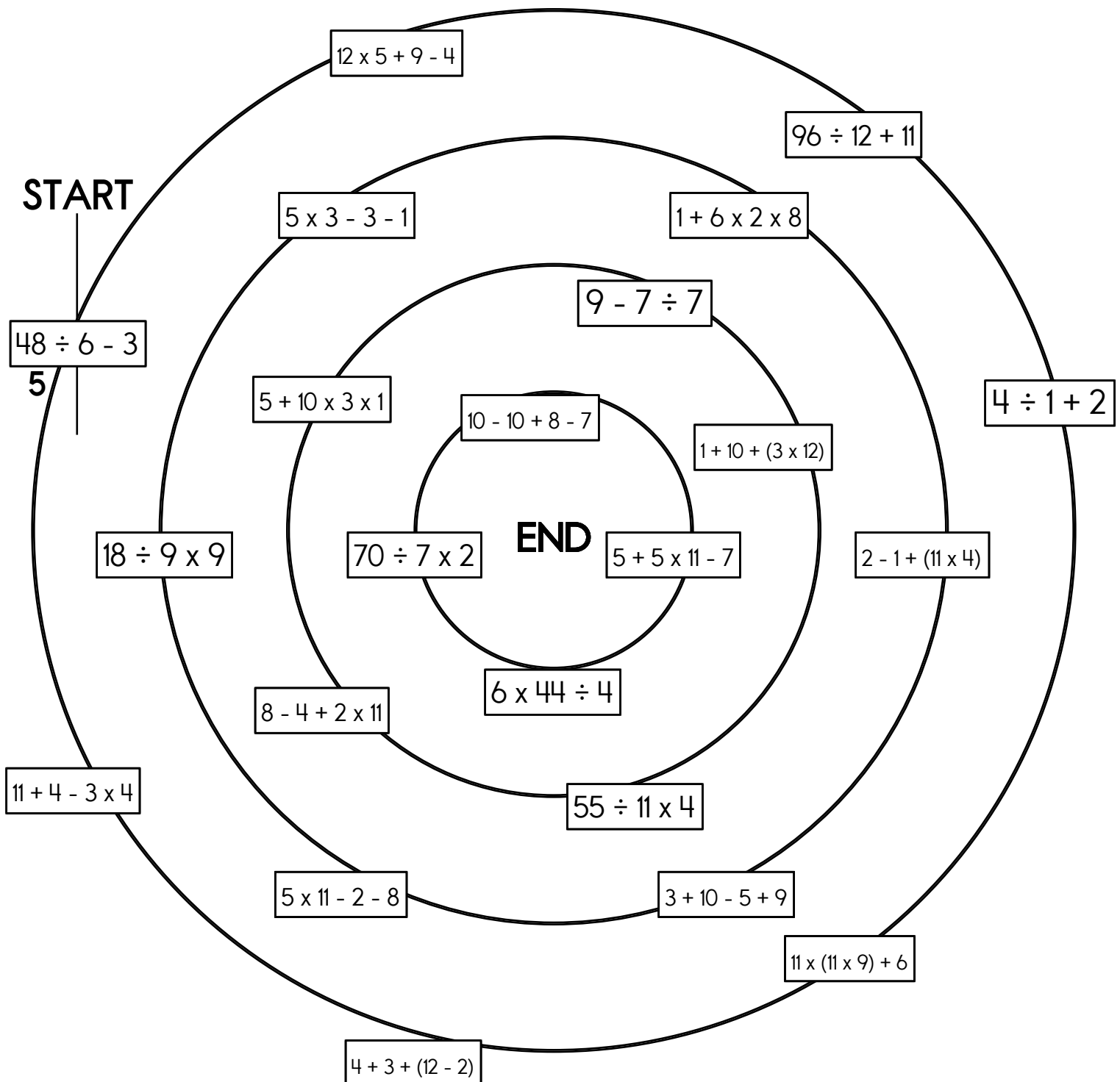
53

~~5~~

17

26

Cross out the number you use above and then write it below.



Name: _____

$$\frac{16}{25} = \frac{64}{100} = \underline{\hspace{1cm}} \%$$

$$\frac{17}{20} = \frac{\hspace{1cm}}{100} = \underline{\hspace{1cm}} \%$$

$$\frac{1}{2} = \frac{\hspace{1cm}}{100} = \underline{\hspace{1cm}} \%$$

$$\frac{17}{50} = \frac{\hspace{1cm}}{100} = \underline{\hspace{1cm}} \%$$

$$\frac{9}{10} = \frac{\hspace{1cm}}{100} = \underline{\hspace{1cm}} \%$$

$$\frac{48}{100} = \frac{12}{25} = \underline{\hspace{1cm}} \%$$

$$\frac{44}{100} = \frac{\hspace{1cm}}{25} = \underline{\hspace{1cm}} \%$$

$$\frac{20}{100} = \frac{\hspace{1cm}}{5} = \underline{\hspace{1cm}} \%$$

$$\frac{34}{100} = \frac{\hspace{1cm}}{50} = \underline{\hspace{1cm}} \%$$

$$\frac{50}{100} = \frac{\hspace{1cm}}{2} = \underline{\hspace{1cm}} \%$$

$$\frac{17}{50} = \frac{\hspace{1cm}}{100}$$

$$\frac{4}{25} = \frac{\hspace{1cm}}{100}$$

$$\frac{2}{5} = \frac{\hspace{1cm}}{100}$$

Jessica put posters on the wall in her room. The posters cover $\frac{1}{5}$ of the wall. What percent of the wall is covered with posters?

Name: _____

$$31 + n = 50$$

What is the area of a rectangle with sides 2 cm and 11 cm?

Estimate quickly the difference.
 $5,490 - 1,960$

Write $\frac{5}{10}$ in lowest terms.

Round the decimal 0.355 to the nearest hundredth.

34, 42, 53, 67, 84, 104,
127, 153, 182, _____,
249

Draw a number line with 0, $\frac{1}{2}$, and 1. Show where $\frac{7}{11}$ would go. Is $\frac{7}{11}$ closer to 0, $\frac{1}{2}$, or 1?

65, 70, _____, 80, 85,
90, 95

Rewrite as an algebraic expression or equation.

Six more than m tripled is fifty-one.

Rewrite $\frac{1}{25}$ as a decimal.

What is the remainder of 60 divided by 13?

$$5 \times 5 \times 5 \times 5 \times 5 = x^5$$

What is the value of x?

$$|-7| - b = 1$$

$$b =$$

Simplify.

$$\frac{10}{30} =$$

$$7 \times (35 \div 5) - 30 \div 6 =$$

Name: _____

Complete each pattern. Write what the rule is. HINT: The first three numbers in each pattern are random numbers.

5, 17, 9, 31, 57, 97, 185, 339, 621, 1145, 2105, 3871, _____, _____

7, 21, 6, 34, 61, 101, 196, 358, 655, 1209, _____, _____, _____

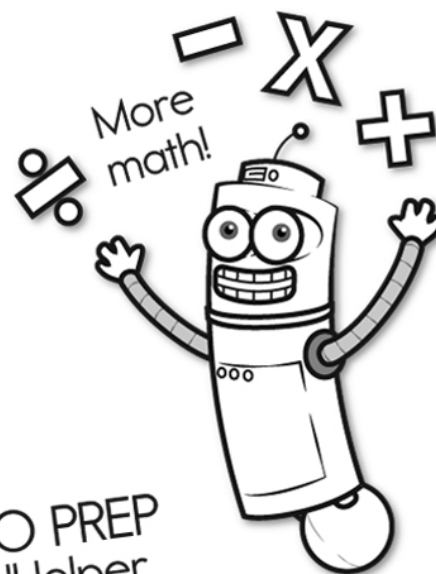
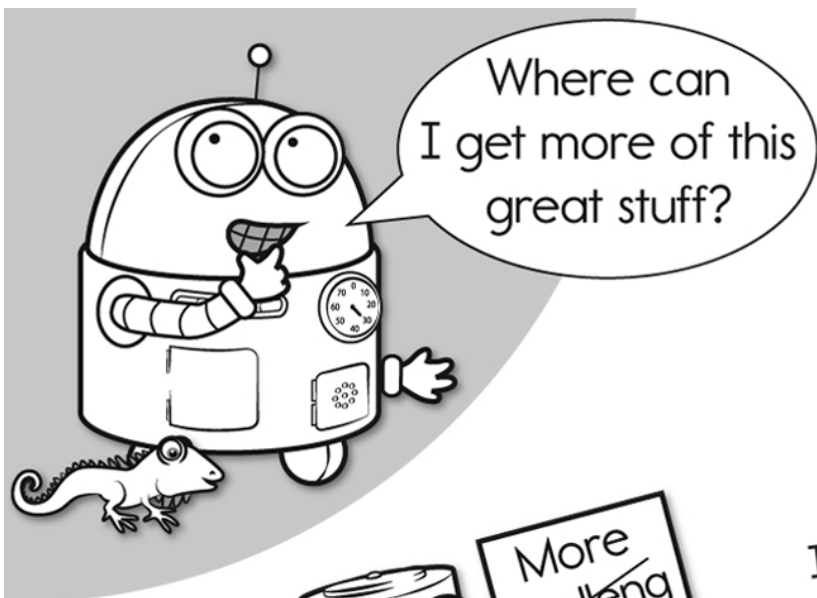
Complete each pattern. Write what the rule is.

$17\frac{2}{3}$, 18, $18\frac{1}{5}$, $18\frac{8}{15}$, $18\frac{11}{15}$, $19\frac{1}{15}$,

$19\frac{4}{15}$, $19\frac{3}{5}$, _____, _____, $20\frac{1}{3}$, $20\frac{2}{3}$

_____, _____, $19\frac{1}{5}$, $19\frac{2}{5}$, $19\frac{11}{15}$, $19\frac{14}{15}$, $20\frac{4}{15}$,

$20\frac{7}{15}$, $20\frac{4}{5}$, 21, $21\frac{1}{3}$, _____, _____

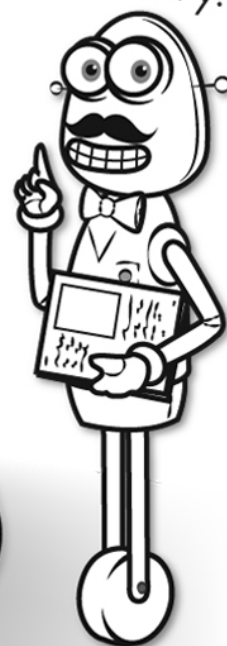


It's NO PREP at edHelper.

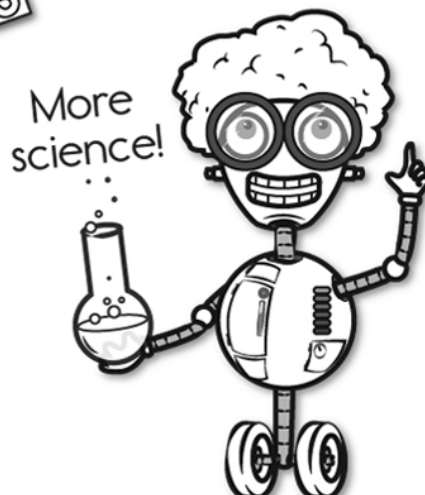
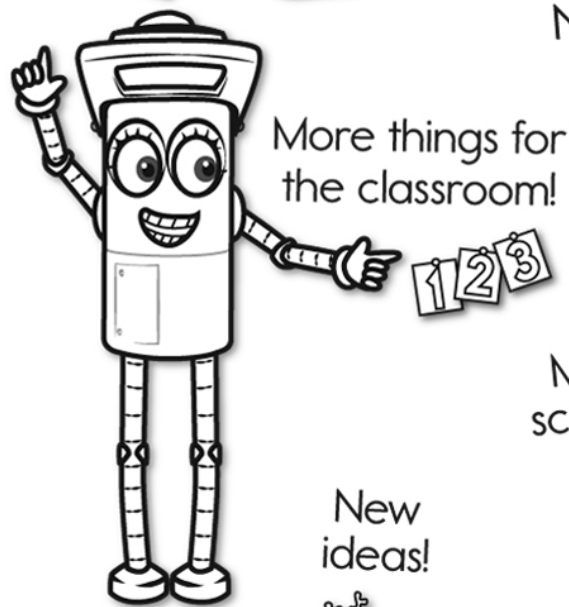
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